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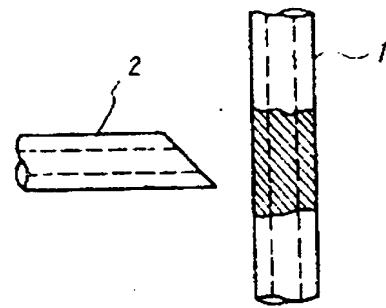
APPLICATION NUMBER : 54162519

APPLICANT : FUJITSU LTD;

INVENTOR : MASUDA SHIGEFUMI;

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TITLE : PRODUCTION OF BRANCHING CIRCUIT



ABSTRACT : PURPOSE: To obtain a branching circuit with good workability and with easy controlling of the rate of coupling by heating part of an optical fiber which becomes a main transmission line and inserting an optical fiber for branching which has been worked diagonally at its end part into the heated part.

CONSTITUTION: The part of an optical fiber 1 shown by hatching is heated by arc discharge. Thence, an optical fiber 2 which has been cut diagonally at the end face is inserted into this heated part. If at this time the fiber 1 bends, a stiffening plate which withstands high temp. is disposed in the direction opposite from the fiber 2. After these are cooled to solidify, these parts are reinforced by a resin 3.

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